EL DISPLAY PANEL, ITS DRIVING METHOD, AND EL DISPLAY APPARATUS

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Inventor(s): TAKAHARA HIROSHI [JP]; TSUGE HITOSHI [JP]
Applicant(s): MATSUSHITA ELECTRIC IND CO LTD [JP]
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Abstract

An EL display apparatus according to the present invention includes EL device (15) adapted to emit light at a luminance corresponding to a current fed thereto. A source driver (14) outputs a current higher than a current corresponding to an image signal to the EL device (15) through a source signal line (18). This operation charges/discharges a parasitic capacitance present in the source signal line (18). A transistor (11d) formed between the EL device (15) and the source driver (14) operates so that the EL device (15) is fed with the current for only a part of a one-frame period. As a result, the El device (15) emits light for only the part of the period.

Description

Technical Field

[0001] The present invention relates to an EL display apparatus employing an organic or inorganic electroluminescence (EL) device and, more particularly, to an EL display apparatus capable of feeding an EL device with a desired current, a method of driving the same, and an electronic apparatus provided with such an EL display apparatus.

Background Art

[0002] In general, an active-matrix display apparatus has a multiplicity of pixels arranged in matrix and displays an image by controlling the intensity of light pixel by pixel in accordance with image signals given. When, for example, liquid crystal is used as an electro-optic substance, the transmittance of each pixel varies in accordance with the voltage applied to the pixel. The basic operation of an active-matrix image display apparatus employing an organic electroluminescence (EL) material as an electro-optic converting substance is the same as in the case where liquid crystal is used.